

ASTER SPECTRAL LIBRARY

AN ASSET TO MODIS

PRESENTED BY

ANDREW KORB

OF

JOHNS HOPKINS UNIVERSITY

AND

GODDARD SPACE FLIGHT CENTER

WHAT IS IT?

- A COMPILATION OF REFLECTANCE AND EMITTANCE SPECTRA OF TYPICAL EARTH SURFACE MATERIALS FROM 0.4-14.0 μm .
- EFFORT LED BY PROF. JACK SALISBURY OF JOHNS HOPKINS UNIVERSITY, WITH PARTICIPATION OF ASTER TEAM MEMBERS AND DR. ZHENGMING WAN OF THE MODIS TEAM.

EXAMPLES OF DATA CURRENTLY AVAILABLE

- GROVE ET AL., 1992, LABORATORY REFLECTANCE SPECTRA OF 160 MINERALS, 0.4 TO 2.5 MICROMETERS: JPL PUBLICATION 92-2.
- SALISBURY AND D'ARIA, 1992, EMISSIVITY OF TERRESTRIAL MATERIALS IN THE 8-14 μm ATMOSPHERIC WINDOW: REMOTE SENS. OF ENVIR., V 42, p. 83-106.
- SALISBURY AND D'ARIA, 1994, EMISSIVITY OF TERRESTRIAL MATERIALS IN THE 3-5 μm ATMOSPHERIC WINDOW: REMOTE SEN. OF ENVIR., V 47, p. 345-361.
- SALISBURY ET AL., 1994, MEASUREMENTS OF THERMAL INFRARED SPECTRAL REFLECTANCE OF FROST, SNOW, AND ICE, JOUR. OF GEOPHYS. RES. (IN PRESS)

REQUESTS FOR SPECTRAL DATA

TO

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